

Claims

1. (Canceled).
2. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the angle of incline of the inclined support surface is adjustable.
3. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the vehicle support comprises at least one inclined ramp.
4. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the housing has a floor and the inclined support surface comprises a portion of the floor of the housing.
5. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the incline of the inclined support is from about one degree to about five degrees.
- 6-7. (Canceled).
8. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the air mover comprises at least one fan.
9. (Currently amended) A wind tunnel according to claim ~~1~~11 in which the force measurer comprises at least one load cell positioned to engage the vehicle.
10. (Canceled).
11. (Previously presented) A wind tunnel for use in testing a vehicle comprising:
a housing having at least one air inlet and at least one air outlet;
at least one air mover adapted to create a flow of air through the housing in a first direction from the air inlet toward the air outlet;

a vehicle support positioned at least partially within the housing and which has an inclined support surface which is angled with respect to horizontal and is operable to support the vehicle such that the vehicle is biased toward movement in the first direction; and

a force measurer coupled to the vehicle and operable to measure the force resulting from the impact of moving air against the vehicle,

wherein the vehicle is a truck or truck tractor with a pseudo-trailer, the pseudo-trailer having a front surface, the cross-sectional dimension of the air outlet of the housing which is unblocked by the truck or truck tractor and pseudo-trailer being approximately the same as the cross-sectional dimension of air inlet of the housing.

12-41. (Canceled).

42. (Currently amended) The wind tunnel of claim ~~11~~ wherein the inclined support surface biases the vehicle to roll in the first direction.

43. (Currently amended) The wind tunnel of claim ~~11~~ wherein the vehicle support has an unobstructed rearward rolling path extending in the first direction.